



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date:

Effective Date:

Expiration Date:

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 23-00037

Federal Tax Id - Plant Code: 23-3102655-21

Owner Information

Name: SUNOCO PARTNERS MKT & TERM LP

Mailing Address: 1000 CROWN POINT RD
WEST POINT, NJ 08093

Plant Information

Plant: SUNOCO PARTNERS MKT & TERM LP/FT MIFFLIN

Location: 23 Delaware County 23948 Tinicum Township

SIC Code: 4613 Trans. & Utilities - Refined Petroleum Pipelines

Responsible Official

Name: FRED AMMONS

Title: OPERATIONS SUPERVISOR

Phone: (215) 937 - 6244

Permit Contact Person

Name: MARGUERITE PORRINI

Title: ENVIRONMENTAL SPECIALIST

Phone: (610) 368 - 0307

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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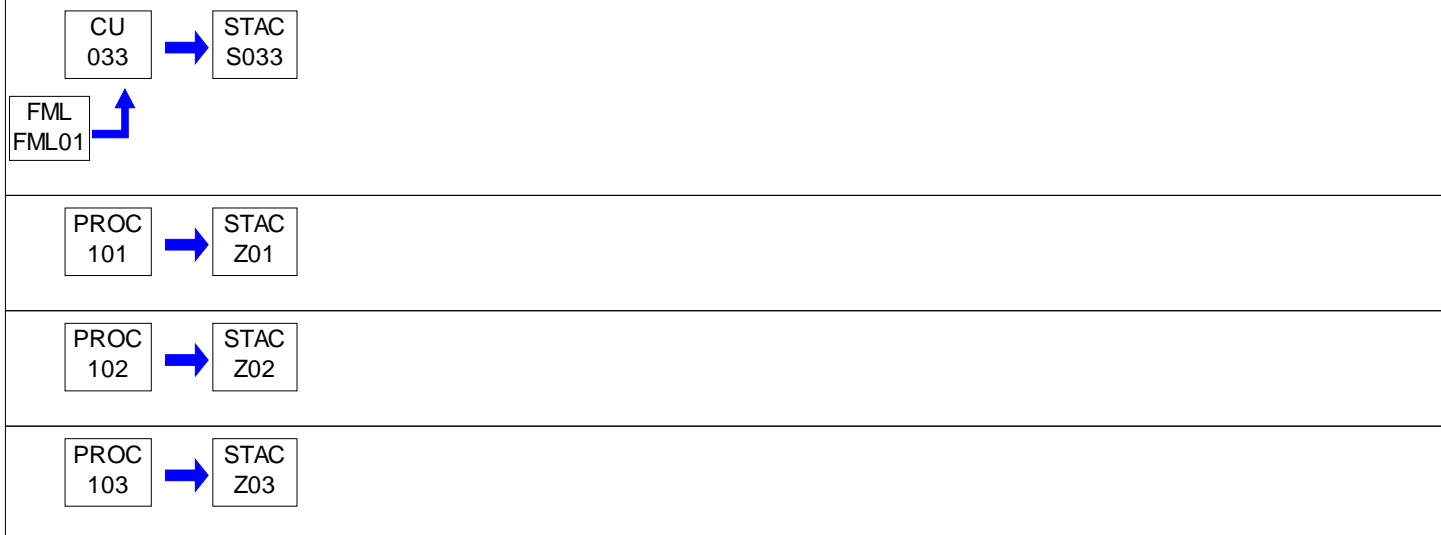
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
033	CLEAVER BROOKS BOILER	20.000 MMBTU/HR	
		150.000 Gal/HR	#2 Oil
101	TANK 851 (3,091,200 GAL)	35,288.000 Gal/HR	CRUDE/DIST/GAS-OIL
102	TANK 852 (3,091,200 GAL)	35,288.000 Gal/HR	CRUDE/DIST/GAS-OIL
103	TANK 853 (3,091,200 GAL)	35,288.000 Gal/HR	CRUDE/DIST/GAS-OIL
104	TANK 854 (3,091,200 GAL)	35,288.000 Gal/HR	CRUDE/DIST/GAS-OIL
105	TANK 855 (3,066,000 GAL)	35,000.000 Gal/HR	CRUDE/DIST/GAS-OIL
106	TANK 856 (3,066,000 GAL)	35,000.000 Gal/HR	CRUDE/DIST/GAS-OIL
107	TANK 865 (1,209,600 GAL)	13,808.000 Gal/HR	DIST/GAS-OIL
108	TANK 866 (1,209,600 GAL)	13,808.000 Gal/HR	DIST/GAS-OIL
109	TANK 867 (1,209,600 GAL)	13,808.000 Gal/HR	DIST/GAS-OIL
110	TANKER BALLASTING	2,500.000 Th Gal/HR	CRUDE OIL
114	DIESEL FIRE PUMPS (2)	N/A	Diesel Fuel
115	MACHINE SHOP DEGREASER		
FML01	BOILER FUEL TANK		
S03	FIRE PUMP EMISSIONS		
S033	BOILER STACK		
Z01	FUGITIVES FROM TANK 851		
Z02	FUGITIVES FROM TANK 852		
Z03	FUGITIVES FROM TANK 853		
Z04	FUGITIVES FROM TANK 854		
Z05	FUGITIVES FROM TANK 855		
Z06	FUGITIVES FROM TANK 856		
Z07	FUGITIVES FROM TANK 865		
Z10	FUGITIVES FROM BALLASTING		
Z15	DEGREASER FUGITIVES		

PERMIT MAPS



PERMIT MAPS

PROC
104 → STAC
Z04

PROC
105 → STAC
Z05

PROC
106 → STAC
Z06

PROC
107 → STAC
Z07

PROC
108 → STAC
Z07

PROC
109 → STAC
Z07

PROC
110 → STAC
Z10

PROC
114 → STAC
S03

PROC
115 → STAC
Z15

SECTION B. General Title V Requirements

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

This permit does not convey property rights of any sort, or any exclusive privileges.

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

SECTION B. General Title V Requirements

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]

Inspection and Entry

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]

Compliance Requirements

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

#008 [25 Pa. Code § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

SECTION B. General Title V Requirements

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

- (a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.
- (b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

- (a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.
- (b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:
- (1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.
 - (2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.
 - (3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.
- (d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

SECTION B. General Title V Requirements

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications).

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

- (a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a).
- (b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction, or US EPA to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

- (a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).
- (b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.
- (c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.
- (d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).
- (e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.
- (f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

- (a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or

SECTION B. General Title V Requirements

(2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

- (1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.
- (2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.
- (4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.
- (5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.
- (5) Laboratory equipment used exclusively for chemical or physical analysis.
- (6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.
- (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

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(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#018 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#019 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

SECTION B. General Title V Requirements

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Office of Air Enforcement and Compliance Assistance (3AP20)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

SECTION B. General Title V Requirements**#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]****Reporting Requirements**

- (a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.
- (b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.
- (c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.
- (d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code § 127.513]**Compliance Certification**

- (a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:
- (1) The identification of each term or condition of the permit that is the basis of the certification.
 - (2) The compliance status.
 - (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (4) Whether compliance was continuous or intermittent.
- (b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #020 of this section.

#025 [25 Pa. Code § 127.3]**Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)

SECTION B. General Title V Requirements

(5) Section 127.450 (relating to administrative operating permit amendments)

(6) Section 127.462 (relating to minor operating permit amendments)

(7) Subchapter H (relating to general plan approvals and operating permits)

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

(i) Three years after the date on which a regulated substance is first listed under § 68.130; or,

(ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

SECTION B. General Title V Requirements**#027 [25 Pa. Code § 127.512(e)]****Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §121.7]

Prohibition of air pollution.

The permittee may not permit the presence in the outdoor atmosphere of any form of contaminant, including, but not limited to, the discharging from stacks, chimneys, openings, buildings, structures, open fires, vehicles, processes or any other source of any smoke, soot, fly ash, dust, cinders, dirt, noxious or obnoxious acids, fumes, oxides, gases, vapors, odors, toxic, hazardous or radioactive substances, waste or other matter in a place, manner or concentration inimical or which may be inimical to public health, safety or welfare or which is or may be injurious to human, plant or animal life or to property or which unreasonably interferes with the comfortable enjoyment of life or property.

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee may not permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials; and
- (f) sources and classes of sources other than those identified in paragraphs (a)-(e) of this condition, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]

Fugitive particulate matter

The permittee may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1) - (7) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the property on which the aforementioned source(s) is being operated.

004 [25 Pa. Code §123.31]

Limitations

The permittee shall not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property on which the source is being operated.

005 [25 Pa. Code §123.41]

Limitations

The permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour;
- (b) equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]

Exceptions

The limitations of 25 Pa. Code § 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (a) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (b) when the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions; or
- (c) when the emission results from sources specified in 25 Pa. Code § 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).

SECTION C. Site Level Requirements

007 [25 Pa. Code §129.14]

Open burning operations

The permittee may not permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) a fire set for the purpose of instructing personnel in fire fighting, when approved by the Department; and
- (c) a fire set for the prevention and control of disease or pests, when approved by the Department.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512]

- (a) If at any time the Department has cause to believe that air contaminant emissions from the sources in Section A of this permit may be in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.
- (c) The Department reserves the right to require exhaust stack testing of any source as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions or determining compliance with any applicable requirement.

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

- (a) a device approved by the Department and maintained to provide accurate opacity measurements; or
- (b) observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

- (a) The permittee shall monitor the facility, once per operating day, for the following:
 - (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
 - (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
 - (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
 - (1) be investigated;
 - (2) be reported to the facility management, or individual(s) designated by the permittee;
 - (3) have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.

SECTION C. Site Level Requirements

- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the terms and conditions of this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) date, time, wind direction and location of the incident(s);
- (b) the cause of the event;
- (c) any corrective action taken to abate the deviation and prevent future occurrences;
- (d) the name of the person(s) who reported the incident(s); and
- (e) the name and signature of a responsible company representative.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) De minimis increases without notification to the Department;
- (b) De minimis increases with notification to the Department, via letter;
- (c) Increases resulting from a Request for Determination (RFD) to the Department; and
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

(a) The permittee shall, within two (2) hours of becoming knowledgeable of any occurrence, notify the Department, at 484-250-5920, of any malfunction of the source(s) or associated air cleaning device(s) which results in, or may result in, the emission of air contaminants in excess of the limitations specified in this permit, and/or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III and any other regulation promulgated under the Clean Air Act.

(b) Malfunction(s) which occur at this Title V facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source continued to operate after the malfunction(s) shall be immediately reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within two (2) working days following the telephone notification of the incident, and shall describe, at a minimum, the following:

- (1) the malfunction(s).
- (2) the emission(s).
- (3) the duration.
- (4) any corrective action taken.
- (5) the amount of volatile organic compounds spilled, leaked or otherwise lost to the environment (liquid fraction).

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit the following reports:

SECTION C. Site Level Requirements

(a) An annual certificate of compliance, due by April 1st of each year, for the period covering January 1 through December 31 of the previous year. This certificate of compliance shall document compliance with all permit terms and conditions set forth in this Title V permit as required under Condition # 024, Section B, of this permit. The annual certificate of compliance shall be submitted to the Department in paper form, and EPA Region III in electronic form at the following email address: R3_APD_Permits@epa.gov

(b) A semi-annual deviation report, due by October 1, of each year, for the period covering January 1 through June 30 of the same year. Note: The annual compliance certification fulfills the obligation for the second deviation reporting period (July 1 through December 31 of the previous year).

015 [25 Pa. Code §135.21]

Emission statements

The permittee shall submit, by March 1 of each year, an annual emission statement for the preceding calendar year. Additionally, a description of the method used to calculate the emissions shall be included. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is true and accurate.

016 [25 Pa. Code §135.3]

Reporting

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in subsections (a) - (f) under the Site Level Restrictions Section of 25 Pa. Code § 123.1 of this permit, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land;
- (b) application of asphalt, water, or suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) paving and maintenance of roadways; and
- (d) prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512(h)]

The permittee shall, immediately upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 PA Code Article III or any other applicable rule promulgated under the Clean Air Act.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512(h)]

The permittee shall ensure that the sources listed in Section A and Section G of this permit are operated and maintained in

SECTION C. Site Level Requirements

a manner consistent with good operating and maintenance practices, competent air pollution control practices, and in accordance with manufacturers specifications in order to control and minimize malodors, fugitive particulate and visible emissions.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee may not modify any air contaminant system identified in Sections A or G, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition #017(g), of Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

SECTION D. Source Level Requirements

Source ID: 033

Source Name: CLEAVER BROOKS BOILER

Source Capacity/Throughput: 20.000 MMBTU/HR
150.000 Gal/HR #2 Oil



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 lbs/MMBtu of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

NOx emissions shall not exceed 90 ppmvd at 3% oxygen.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7515]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

When must I conduct subsequent performance tests or fuel analyses?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441 and 40 CFR 63, Subpart DDDDD, Table 2, Item 16.]

Emissions shall not exceed either of the following:

- (a) CO - 130 ppmvd, corrected to 3 percent oxygen; and
- (b) Filterable PM (or TSM*) - 0.27 lb per MMBtu of heat input; or (8.6E-04 lb per MMBtu of heat input).

*TSM - Total Selected Metals as defined in this subpart.

[Compliance with this CO limit assures compliance with the CO emission limit that was previously derived from General Permit (GP1).]

Fuel Restriction(s).

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7515]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

When must I conduct subsequent performance tests or fuel analyses?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall combust only ultra-low sulfur #2 fuel oil (less than or equal to 15 ppm sulfur) in this boiler. If the permittee intends to burn fuel other than the above, the permittee shall conduct a performance test within sixty (60) days of burning the new fuel type.

There shall be no reclaimed or waste oil, or other waste materials added to the fuel.

[Compliance with this condition assures compliance with 25 Pa. Code § 123.22(e)(1) and 40 CFR §§ 60.42c(d) and (g).]

SECTION D. Source Level Requirements

II. TESTING REQUIREMENTS.

005 [25 Pa. Code §139.16]

Sulfur in fuel oil.

(a) The following are applicable to the analysis of commercial fuel oil:

- (1) the fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references);
- (2) test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15); and
- (3) results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the maximum percent sulfur in the fuel, is obtained each time a fuel oil delivery is made.

[Compliance with the above assures compliance with 40 CFR § 60.42c(h)(1).]

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7521]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

What fuel analyses and procedures must I use?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

An analysis, using the analytical methods required by Table 6 of 40 CFR 63, Subpart DDDDD, shall be received from the fuel supplier for each delivery. If a delivery is made and the analysis is not received, the permittee shall perform such testing required in 40 CFR 63, Subpart DDDDD, Table 6.

[Compliance with this permit condition assures compliance with 25 Pa. Code § 127.22(f) & (g).]

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall retain the following records concerning fuel supplier certification:

- (a) the name of the oil supplier;
- (b) a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR § 60.41c; and
- (c) the sulfur content of the oil.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7515]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

When must I conduct subsequent performance tests or fuel analyses?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall record the amount of fuel combusted on a monthly and on a 12-consecutive month basis.

SECTION D. Source Level Requirements

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7555]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

What records must I keep?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441 and 40 CFR 63, Subpart DDDDD, Table 8.]

The permittee shall retain the following records:

- (a) fuel analysis and monthly usage and reduce that data to 12-month rolling average;
- (b) notification and reports submitted to the Department and the USEPA; and
- (c) any other monitoring, compliance, and performance demonstrations.

Records of all monitoring and each report and notification shall be retained for a minimum of five (5) years.

V. REPORTING REQUIREMENTS.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]

Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units Reporting and recordkeeping requirements.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit fuel oil receipts or testing analysis to the US EPA every six (6) months. This report shall be postmarked by the 30th day following the end of the reporting period.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7550]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

What reports must I submit and when?

[Additional authority for this condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit annual reports no later than January 31 of each year. These shall cover the preceding calendar year and shall indicate any emission deviations. If there are no deviations, the report shall include a statement indicating such.

Each report shall be submitted electronically using CEDRI that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due the report you must submit the report to the Administrator at the appropriate address listed in 40 CFR § 63.13.

VI. WORK PRACTICE REQUIREMENTS.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7495]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

When do I have to comply with this subpart?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall comply with 40 CFR 63, Subpart DDDDD, no later than January 31, 2016.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.7540]

Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial and Institutional Boilers and Process Heaters.

How do I demonstrate continuous compliance with the emission limits and work practice standards?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall conduct an annual tune-up on this boiler in accordance with 40 CFR § 63.7540(a)(10). Each annual

**SECTION D. Source Level Requirements**

tune-up must be no more than 13 months after the previous tune-up.

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §127.411]

Content of applications.

This source is one Cleaver Brooks Boiler, Model # CBLE100-500-015ST, installed in 2006.

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 101

Source Name: TANK 851 (3,091,200 GAL)

Source Capacity/Throughput: 35,288.000 Gal/HR

CRUDE/DIST/GAS-OIL

PROC
101STAC
Z01**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds (VOCs) with a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall measure the secondary seal gap annually in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

003 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughput for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

SECTION D. Source Level Requirements**# 005 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall maintain annual records of the secondary seal gap measurements in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an external floating roof, according to 25 Pa. Code § 129.56(f)(1). The inspection shall include a visual inspection of the secondary seal gap when inspecting the external floating roof tanks.

007 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall ensure that the external floating roof for this tank is fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim mounted secondary seal). The external floating roof shall meet the following requirements, according to 25 Pa. Code § 129.56(b)(1)-(5):

(1) Seal closure devices shall meet the following requirements:

- (i) There are no visible holes, tears or other openings in the seals or seal fabric.
- (ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
- (iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

- (i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.
- (ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional

SECTION D. Source Level Requirements

30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.411]

Content of applications.

This heated 3,091,200-gallon capacity storage tank is equipped with an external floating roof.

***** Permit Shield in Effect. *****

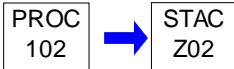
SECTION D. Source Level Requirements

Source ID: 102

Source Name: TANK 852 (3,091,200 GAL)

Source Capacity/Throughput: 35,288.000 Gal/HR

CRUDE/DIST/GAS-OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds (VOCs) with a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall measure the secondary seal gap annually in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

003 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughput for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

SECTION D. Source Level Requirements

005 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall maintain annual records of the secondary seal gap measurements in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an external floating roof, according to 25 Pa. Code § 129.56(f)(1). The inspection shall include a visual inspection of the secondary seal gap when inspecting the external floating roof tanks.

007 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

(a) The permittee shall ensure that the external floating roof for this tank is fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim mounted secondary seal). The external floating roof shall meet the following requirements, according to 25 Pa. Code § 129.56(b)(1)-(5):

(1) Seal closure devices shall meet the following requirements:

- (i) There are no visible holes, tears or other openings in the seals or seal fabric.
- (ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
- (iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

- (i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.
- (ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional

**SECTION D. Source Level Requirements**

30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.411]

Content of applications.

This heated 3,091,200-gallon capacity storage tank is equipped with an external floating roof.

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 103

Source Name: TANK 853 (3,091,200 GAL)

Source Capacity/Throughput: 35,288.000 Gal/HR

CRUDE/DIST/GAS-OIL

PROC
103STAC
Z03**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds (VOCs) with a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall measure the secondary seal gap annually in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

003 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughput for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

SECTION D. Source Level Requirements**# 005 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall maintain annual records of the secondary seal gap measurements in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an external floating roof, according to 25 Pa. Code § 129.56(f)(1). The inspection shall include a visual inspection of the secondary seal gap when inspecting the external floating roof tanks.

007 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall ensure that the external floating roof for this tank is fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim mounted secondary seal). The external floating roof shall meet the following requirements, according to 25 Pa. Code § 129.56(b)(1)-(5):

(1) Seal closure devices shall meet the following requirements:

- (i) There are no visible holes, tears or other openings in the seals or seal fabric.
- (ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
- (iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

- (i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.
- (ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional

**SECTION D. Source Level Requirements**

30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.411]

Content of applications.

This heated 3,091,200-gallon capacity storage tank is equipped with an external floating roof.

***** Permit Shield in Effect. *****

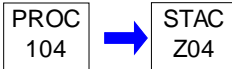
SECTION D. Source Level Requirements

Source ID: 104

Source Name: TANK 854 (3,091,200 GAL)

Source Capacity/Throughput: 35,288.000 Gal/HR

CRUDE/DIST/GAS-OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds (VOCs) with a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall measure the secondary seal gap annually in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

003 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughput for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored,
- (2) the maximum true vapor pressure, and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

SECTION D. Source Level Requirements

005 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall maintain annual records of the secondary seal gap measurements in accordance with the work practice standards of this section when the floating roof is equipped with a vapor-mounted primary seal, pursuant to 25 Pa. Code § 129.56(f)(2).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an external floating roof, according to 25 Pa. Code § 129.56(f)(1). The inspection shall include a visual inspection of the secondary seal gap when inspecting the external floating roof tanks.

007 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

(a) The permittee shall ensure that the external floating roof for this tank is fitted with a primary seal and a continuous secondary seal extending from the floating roof to the tank wall (rim mounted secondary seal). The external floating roof shall meet the following requirements, according to 25 Pa. Code § 129.56(b)(1)-(5):

(1) Seal closure devices shall meet the following requirements:

- (i) There are no visible holes, tears or other openings in the seals or seal fabric.
- (ii) The seals are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
- (iii) For tanks with vapor-mounted primary seals, the accumulated area of gaps exceeding 1/8 inch in width between the secondary seal and the tank wall shall not exceed 1 square inch per foot of tank diameter. Compliance with this subsection shall be determined by physically measuring the length and width of gaps around the entire circumference of the secondary seal in each place where a 1/8 inch uniform diameter probe passes freely (without forcing or binding against the seal) between the seal and tank wall and by summing the area of the individual gaps.

(2) Openings in the external floating roof, except for automatic bleeder vents, rim space vents and leg sleeves, are as follows:

- (i) Equipped with covers, seals or lids in the closed position except when the openings are in actual use.
- (ii) Equipped with projections into the tank which remain below the liquid surface at all times.

(3) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.

(4) Rim vents are set to open when the roof is being floated off the leg supports or at the recommended setting of the manufacturer.

(5) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least 90% of the area of the opening.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional

SECTION D. Source Level Requirements

30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.411]

Content of applications.

This heated 3,091,200-gallon capacity storage tank is equipped with an external floating roof.

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 105

Source Name: TANK 855 (3,066,000 GAL)

Source Capacity/Throughput: 35,000.000 Gal/HR

CRUDE/DIST/GAS-OIL

PROC
105STAC
Z05**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds that have a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

Throughput Restriction(s).**# 002 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall limit the number of turnovers in this storage tank to 100 per year.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall monitor the amount of turnovers per year.

004 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored;
- (2) the maximum true vapor pressure; and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughputs for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall maintain annual records of the amount of turnovers that occur in this storage tank.

006 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

SECTION D. Source Level Requirements

- (1) the types of volatile petroleum liquids stored;
- (2) the maximum true vapor pressure; and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 127.441]

(a) The permittee shall ensure that the internal floating roof associated with this storage tank be fitted with a primary seal and that it complies with the following requirements, according to 25 Pa. Code § 129.56(c):

- (1) a closure seal, or seals, to close the space between the roof edge and tank wall is used.
- (2) there are no holes, tears, or other openings in the seal or any seal fabric or materials.
- (3) openings except stub drains are equipped with covers, lids or seals such that:
 - (i) the cover, lid or seal is in the closed position at all times except when in actual use;
 - (ii) automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
 - (iii) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional 30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

008 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an internal floating roof, according to 25 Pa. Code § 129.56(f)(1).

VII. ADDITIONAL REQUIREMENTS.**# 009 [25 Pa. Code §127.411]****Content of applications.**

This 3,066,000-gallon capacity storage tank is equipped with an internal floating roof.

*** Permit Shield in Effect. ***

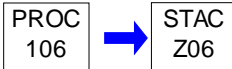
SECTION D. Source Level Requirements

Source ID: 106

Source Name: TANK 856 (3,066,000 GAL)

Source Capacity/Throughput: 35,000.000 Gal/HR

CRUDE/DIST/GAS-OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not permit the storing in this tank of volatile organic compounds that have a vapor pressure of 11 psia or greater under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a)(1).

Throughput Restriction(s).**# 002 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall limit the number of turnovers in this storage tank to 100 per year.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall monitor the amount of turnovers per year.

004 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall monitor the following, pursuant to 25 Pa. Code § 129.56(f)(3):

- (1) the types of volatile petroleum liquids stored;
- (2) the maximum true vapor pressure; and
- (3) the results of the inspections performed.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which such storage takes place, pursuant to 25 Pa. Code § 129.56(g).

(c) The permittee shall monitor the annual throughputs for this storage tank.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall maintain annual records of the amount of turnovers that occur in this storage tank.

006 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

(a) The permittee shall maintain records of the following, pursuant to 25 Pa. Code § 129.56(f)(3):

SECTION D. Source Level Requirements

- (1) the types of volatile petroleum liquids stored;
- (2) the maximum true vapor pressure; and
- (3) the results of the inspections performed.

(b) The permittee shall maintain records of HAP and VOC emissions from this source using a Department approved method.

(c) The permittee shall maintain records of the annual throughput for this storage tank.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 127.441]

(a) The permittee shall ensure that the internal floating roof associated with this storage tank be fitted with a primary seal and that it complies with the following requirements, according to 25 Pa. Code § 129.56(c):

- (1) a closure seal, or seals, to close the space between the roof edge and tank wall is used.
- (2) there are no holes, tears, or other openings in the seal or any seal fabric or materials.
- (3) openings except stub drains are equipped with covers, lids or seals such that:
 - (i) the cover, lid or seal is in the closed position at all times except when in actual use;
 - (ii) automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports.
 - (iii) rim vents, if provided are set to open when the roof is being floated off the roof leg supports or at the recommended setting of the manufacturer.

(b) If a failure is detected during inspections required in this section, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If this failure cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Department. A request for an extension shall document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the equipment will be repaired or the vessel will be emptied as soon as possible but within the additional 30-day time requested. This is pursuant to 25 Pa. Code § 129.56(h).

008 [25 Pa. Code §129.56]**Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee shall perform routine inspections annually in order to assure compliance with the equipment requirements for an internal floating roof, according to 25 Pa. Code § 129.56(f)(1).

VII. ADDITIONAL REQUIREMENTS.**# 009 [25 Pa. Code §127.411]****Content of applications.**

This 3,066,000-gallon capacity storage tank is equipped with an internal floating roof.

*** Permit Shield in Effect. ***

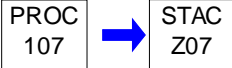
SECTION D. Source Level Requirements

Source ID: 107

Source Name: TANK 865 (1,209,600 GAL)

Source Capacity/Throughput: 13,808.000 Gal/HR

DIST/GAS-OIL



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §129.56]

Storage tanks greater than 40,000 gallons capacity containing VOCs

The permittee may not store volatile organic compounds in this tank that have a vapor pressure greater than 1.5 psia under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.411]

Content of applications.

(a) The permittee shall monitor the following parameters for this storage tank:

- (1) the annual throughput for this storage tank;
- (2) the type of volatile petroleum liquid stored;
- (3) the maximum true vapor pressure; and
- (4) the HAP and VOC emissions from this source using a Department approved method.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under the actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.411]

Content of applications.

The permittee shall maintain records of the following parameters for this storage tank:

- (a) the annual throughput for this storage tank;
- (b) the type of volatile petroleum liquid stored,;
- (c) the maximum true vapor pressure; and
- (d) the HAP and VOC emissions from this source.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

004 [25 Pa. Code §127.411]

Content of applications.

This heated 1,209,600-gallon capacity storage tank has a fixed roof.

***** Permit Shield in Effect. *****

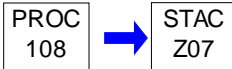
SECTION D. Source Level Requirements

Source ID: 108

Source Name: TANK 866 (1,209,600 GAL)

Source Capacity/Throughput: 13,808.000 Gal/HR

DIST/GAS-OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not store volatile organic compounds in this tank that have a vapor pressure greater than 1.5 psia under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.411]****Content of applications.**

(a) The permittee shall monitor the following parameters for this storage tank:

- (1) the annual throughput for this storage tank;
- (2) the type of volatile petroleum liquid stored;
- (3) the maximum true vapor pressure; and
- (4) the HAP and VOC emissions from this source using a Department approved method.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under the actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall maintain records of the following parameters for this storage tank:

- (a) the annual throughput for this storage tank;
- (b) the type of volatile petroleum liquid stored,;
- (c) the maximum true vapor pressure; and
- (d) the HAP and VOC emissions from this source.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

004 [25 Pa. Code §127.411]

Content of applications.

This heated 1,209,600-gallon capacity storage tank has a fixed roof.

***** Permit Shield in Effect. *****

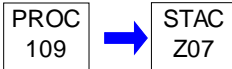
SECTION D. Source Level Requirements

Source ID: 109

Source Name: TANK 867 (1,209,600 GAL)

Source Capacity/Throughput: 13,808.000 Gal/HR

DIST/GAS-OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.56]****Storage tanks greater than 40,000 gallons capacity containing VOCs**

The permittee may not store volatile organic compounds in this tank that have a vapor pressure greater than 1.5 psia under actual storage conditions, pursuant to 25 Pa. Code § 129.56(a).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.411]****Content of applications.**

(a) The permittee shall monitor the following parameters for this storage tank:

- (1) the annual throughput for this storage tank;
- (2) the type of volatile petroleum liquid stored;
- (3) the maximum true vapor pressure; and
- (4) the HAP and VOC emissions from this source using a Department approved method.

(b) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under the actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottest month of the year in which the storage takes place.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.411]****Content of applications.**

The permittee shall maintain records of the following parameters for this storage tank:

- (a) the annual throughput for this storage tank;
- (b) the type of volatile petroleum liquid stored,;
- (c) the maximum true vapor pressure; and
- (d) the HAP and VOC emissions from this source.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

004 [25 Pa. Code §127.411]

Content of applications.

This heated 1,209,600-gallon capacity storage tank has a fixed roof.

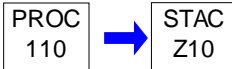
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 110

Source Name: TANKER BALLASTING

Source Capacity/Throughput: 2,500.000 Th Gal/HR CRUDE OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.81]****Organic liquid cargo vessel loading and ballasting**

(a) The permittee shall reduce the emission of VOCs from ballasting of the organic liquid cargo vessels containing crude oil or gasoline by restricting the total volume of receipts of crude oil and gasoline delivered to the facility during a specified period in vessels which do not ballast, such as barges, or in vessels which do not emit VOCs when ballasted, such as tankers using segregated ballast tanks to a minimum of 90% according to 25 Pa. Code § 129.81(4)(iii).

(b) On and after January 1, 2010, 98% of the total volume of receipts of crude oil and gasoline during a specified period shall be delivered to the facility in vessels which do not ballast, such as barges, or in vessels which do not emit VOCs when ballasted, such as tankers using segregated ballast tanks, according to 25 Pa. Code § 129.81(4)(iv).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.81]****Organic liquid cargo vessel loading and ballasting**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.51 and § 127.441]

(a) The permittee shall monitor the facility ballasting operations on an ongoing basis. At a minimum, the following parameters shall be monitored and included in the ballast reports:

- (1) the type of vessel;
- (2) the type of petroleum products delivered;
- (3) the maximum true vapor pressure of the products delivered;
- (4) whether the delivery vessel ballasts or not, and whether the vessels use segregated ballast tanks; and
- (5) the total volume of receipts of petroleum products delivered to the facility and the percentage of receipts that meet the requirements in 25 Pa. Code § 129.81(4)(iv).

(b) The permittee shall monitor the VOCs and HAP emissions from this source using Department approved methods.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §129.81]****Organic liquid cargo vessel loading and ballasting**

(a) The permittee shall maintain records of the facility ballast report on an ongoing basis. At a minimum, the ballast report shall include the following:

- (1) the type of vessel and the type of petroleum products delivered, the maximum true vapor pressure of the products delivered, whether the delivery vessel ballasts or not, and whether the vessels use segregated ballast tanks; and
- (2) the total volume of receipts of petroleum products delivered to the facility and the percentage of receipts that meet the requirements in 25 Pa. Code § 129.81(4)(iv).

SECTION D. Source Level Requirements

(b) The permittee shall maintain records of VOCs and HAP emissions from this source using Department approved methods.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §129.81]

Organic liquid cargo vessel loading and ballasting

The permittee shall submit the year to date ballast report once every six months to the Department along with the compliance certification. The semi-annual reports are due April 1 and October 1 of each year. The ballast report shall contain, at a minimum, the following items:

- (a) the type of petroleum products delivered to the facility;
- (b) the total volume of petroleum products delivered to the facility;
- (c) the type of vessel used to deliver products;
- (d) whether the vessel ballasts or not;
- (e) whether the vessel uses segregated ballast tanks or not; and
- (f) the percentage of the total volume of petroleum receipts that demonstrates compliance with 25 Pa. Code § 129.81(4)(iv).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 114

Source Name: DIESEL FIRE PUMPS (2)

Source Capacity/Throughput:

N/A

Diesel Fuel

PROC
114STAC
S03**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

Fuel Restriction(s).**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

[additional authority for this permit condition is also derived from 25 Pa. Code 127.441 and 40 CFR § 80.510(b).]

The diesel fuel used in this engine is subject to the following per-gallon standards:

- (a) sulfur content, not to exceed 15 ppm; and
- (b) a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The following are applicable to the analysis of commercial fuel oil:

- (1) the fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references);
- (2) test methods and procedures for the determination of sulfur content, and cetane index or aromatic content shall be performed using Department approved methods.

(b) The requirements in subpart (a), above, shall be waived in the event that a delivery receipt from the supplier, indicating the maximum percent sulfur and the minimum cetane index (or maximum aromatic content) in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.6625.]

The permittee shall monitor the operating time for this engine using a non-resettable time totalizing meter.

IV. RECORDKEEPING REQUIREMENTS.**# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

SECTION D. Source Level Requirements**What records must I keep?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall record the following information:

(a) the hours of operation on a monthly and on a 12-consecutive month basis. This record shall indicate the number of hours spent for each of the following:

- (1) emergency operation, including what the emergency was; and
- (2) non-emergency operation.

(b) records of all required maintenance performed;

(c) records of the oil changes, air filter, and belt/hose inspections; and

(d) a copy of each notification and report submitted to the US EPA and Department.

V. REPORTING REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations and operating limitations?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit a semi-annual deviation report of any instance where the oil and filter change, the air filter inspection, or the belt/hose inspection was not performed.

This report shall be submitted to the following:

(a) EPA Address

Associate Director, Office of Air Enforcement and Compliance Assistance (3AP20)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

* Note - MACT reports may be submitted electronically to EPA's Central Data Exchange at: <https://cdx.epa.gov/>

(b) PADEP Address

Air Pollution Control Manager
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

VI. WORK PRACTICE REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6602]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations must I meet if I own or operate an existing stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions?**

[additional authority for this permit condition is also derived from 25 Pa. Code 127.441 and 40 CFR § 63.6645.]

The permittee shall:

- (a) change the oil and filter every 500 hours of operation or annually, whichever comes first*;
- (b) inspect the air cleaner every 1,000 hours of operation, or annually, whichever comes first and replace as necessary;
- (c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first and replace as necessary.

* In accordance with 40 CFR § 63.6625(i), you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement above. The oil analysis must be performed at the same frequency as the above testing

SECTION D. Source Level Requirements

and must comply with the requirements found in 40 CFR § 63.6625(i).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6602]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What emission limitations must I meet if I own or operate an existing stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions?

[additional authority for this permit condition is also derived from 25 Pa. Code 127.441.]

The permittee shall minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed thirty (30) minutes.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations and operating limitations?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall:

- (a) operate and maintain this engine in accordance with manufacturer's emission related and maintenance instructions; or
- (b) develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emissions.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations and operating limitations?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee must operate this fire pump according to the requirements in 40 CFR § 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under 40 CFR 63, Subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR § 63.6640(f)(1) through (4), is prohibited.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

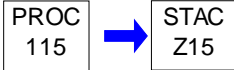
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 115

Source Name: MACHINE SHOP DEGREASER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall perform the following recordkeeping for this parts washer:

(a) The permittee shall maintain records and provide to the Department, on request, the information specified below, pursuant to 25 Pa. Code § 129.63(a)(6):

- (1) the name and address of the solvent supplier;
- (2) the type of solvent including the product or vendor identification number; and
- (3) the vapor pressure of the solvent measured in mm Hg at 20°C (68°F).

(b) An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this condition.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 002 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall perform the following work practice standards for this parts washer:

(a) The immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater, pursuant to 25 Pa. Code § 129.63(a)(1).

(b) The immersion cold cleaning machines and remote reservoir cold cleaning machines shall have a permanent, conspicuous label summarizing the operating requirements contained in this permit for this source, pursuant to 25 Pa. Code § 129.63(a)(2)(i).

(c) The immersion cold cleaning machines and remote reservoir cold cleaning machines shall be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover, pursuant to 25 Pa. Code § 129.63(a)(2)(ii).

SECTION D. Source Level Requirements

003 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall perform the following work practice standards for this parts washer:

(a) The permittee shall ensure the following discretionary good operating practices, pursuant to 25 Pa. Code § 129.63(a)(2)(i)(A)-(C):

- (1) cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine;
- (2) when a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned; and
- (3) work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(b) The permittee shall operate the cold cleaning machines in accordance with the following procedures, pursuant to 25 Pa. Code § 129.63(a)(3):

- (1) waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container;
- (2) flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray;
- (3) sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine;
- (4) air agitated solvent baths may not be used; and
- (5) spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

004 [25 Pa. Code §129.63]

Degreasing operations

A person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs, pursuant to 25 Pa. Code § 129.63(a)(4).

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.411]

Content of applications.

The capacity of this parts washer is approximately 55 gallons.

*** Permit Shield in Effect. ***

**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
033	CLEAVER BROOKS BOILER		
Emission Limit		Pollutant	
130.000	PPMV	corrected to 3% oxygen	CO
90.000	PPMV	3% oxygen	NOX
0.270	Lbs/MMBTU		TSP
0.400	Lbs/MMBTU		TSP
114	DIESEL FIRE PUMPS (2)		
Emission Limit		Pollutant	
0.040	gr/DRY FT3		TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION G. Miscellaneous.

(a) The following previously issued plan approvals and operating permits serve as the basis for certain terms and conditions in this Title V Operating Permit:

- (1) OP-23-302-114
- (2) OP-23-312-167
- (3) General Permit No. 23-302-142GP (Source ID 033)

(b) The Department has determined that the emissions from the following activities or sources, excluding those indicated as site level requirements, in Section C, of this permit, are of minor significance and do not require additional limitations, monitoring, recordkeeping, or testing requirements. However, emissions from these sources, if used for regulated substances and produce air emissions, need to be reported pursuant to 25 Pa. Code Chapter 135 and the relevant sections of the Annual Emissions Statement instructions. These sources are still subject to all and any applicable regulations contained under Sections B and C of this permit and any other Federal, State and local regulations that may apply:

- (1) 1-410 hp Diesel Fueled Generator.
- (2) 1-Diesel fuel storage tank for generator.
- (3) 2-Diesel Fueled Fire Pumps (AIMS Source ID 114).
- (4) 2-500 Gallon Crude Oil (Dock A) Underground Storage Tanks.
- (5) 1-Dock A Sampling Bldg. Underground Storage Tank.
- (6) 2-Diesel Fuel Storage Tanks (250 gallon capacity each).
- (7) 1-Fuel Oil Storage Tank (Pump House).
- (8) Fugitive Emissions including pumps and valves, etc. (AIMS Source ID 111).
- (9) Oil/Water Separator (Source ID 112) with 260-barrel capacity.
- (10) Pumping Arm Emissions (Source ID 113) Doc A has four (4) arms and Dock B has six (6) flexible hoses.

(c) The permittee shall keep records of the calculations for the potential to emit nitrogen oxides, sulfur oxides, particulate matter, and volatile organic compounds, as applicable, for the miscellaneous sources described in Condition (b) above. This information shall be included in the Annual AIMS Inventory Reports and the Annual Emission Fee Reports.

(d) This Administrative Amendment to the original Title V permit issued 8/30/2000 addresses change of ownership from Atlantic Pipeline Corp. to Sunoco Partners Marketing & Terminals L.P.

(e) This Title V Permit is a Renewal. Sources are not subjected to CAM and there are no new sources at this facility. There are no new federal regulations which apply to this facility. The cold cleaning machine (Machine Shop Degreaser) is now subjected to the Pennsylvania State regulation for degreasing operations 25 Pa. Code § 129.63(a) and appears in Source Level Section D as Source ID 115.

(f) This facility is located at the Fort Mifflin Marine Terminal, No. 4 Hog Island Road, Philadelphia, PA.

(g) The Client ID has been corrected for this facility. Current Client ID 161585; new AUTH ID 600559; new APS 559202; Master AUTH ID 355388. Previous AUTH ID 586719 has been "removed/entered in error" in eFACTS.

(h) November 2007. APS: 559202, AUTH: 699960. Administrative Amendment to incorporate 23-302-142GP into the Title V permit. New source (033) created, and old source (031) has been removed.

(i) October 2010. APS: 559202, AUTH ID: 816837. Renewal of the TVOP. There are no new sources at the facility. There are no new state or federal regulations applicable to sources at this facility. Fugitive Emissions have been added to Section G Condition (b)(8), (9), and (10) above - emissions from these sources are required to be reported as part of the Annual AIMS Inventory Reports and the Annual Emission Fee Reports, as required in Condition (c) above. Source ID 032 (Kewanee Boiler) has been removed from the facility and is no longer a part of this permit.

October 2015. APS: 559202, AUTH: 1072850.

- Source 032 has been removed from the permit.
- Source 114 (diesel fire pumps) has been moved to Section D of the permit due to applicability to 40 CFR 63, Subpart ZZZZ.
- Boiler. This source is subject to 40 CFR 63, Subpart DDDDD (5D) and 40 CFR 60, Subpart Dc.



***** End of Report *****